



The smaller, smarter golf trolley.

User Manual



QOD Electric Golf Trolley

Version 1.27.21

QOD Golf International. www.qodgolf.com

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First Use

Box Contents

- Assembled QOD Trolley
- LiFePO4 Lithium Battery with Charger
- QOD Trolley Manual (What you are reading)
- Trolley and Battery & Charger Manual

Assembly Instructions

- 1 On unpacking the box, put the battery on charge and verify battery charging information in the battery manual. Make sure the charger does not share the same wall plug as another appliance that is constantly drawing power such as a fridge or an appliance with a lot of power draw such as a dryer. When disconnecting the battery from the charger make sure the power point is turned off. If you don't you may damage the connectors with power spikes.
- 2 Expand the trolley to its setup position as per instructions in this manual. Please note that the bottom arm on the QOD trolley is designed to be vertical for proper balance and control. The upper arm with the T handle can be adjusted to any height you desire for your playing comfort.
- 3 Put the battery in the cradle. Make sure the trolley is switched off before connecting the battery cable to the trolley
- 4 You must complete the warranty information online at www.qodgolf.com or fill out the warranty card and send it back to us in order to validate your warranty. Please include your email address and give us permission to communicate with you so that we are able to keep you informed about special offers and helpful hints on how to maintain your cart through our newsletters.

General Purpose Use of Your QOD Trolley

The trolley is designed to carry your golf bag on any golf course that you would normally walk or drive on a ride on golf cart. The heavier the bag the more energy it requires to propel the trolley and bag. Use good judgment as to where you want to walk. If you normally walk around a hill or steep incline then do so with the QOD trolley. The harder you work it, the harder you work yourself. The design of this trolley is to transport your golf bag with a minimum of effort. It is not designed to climb steep slopes that you would normally not climb or ride up or down in a riding trolley. The trolley was designed to accommodate a standard golf bag with clubs. Extra-large golf bags with a maximum diameter at the top of 22cm also fit the trolley.

Features

- Telescoping technology folds to the smallest footprint (27 cm x 30 cm x 42 cm)
- Weighing only approximately 11kg and varies with accessories
- USB Connection for your electrical appliances. e.g. GPS, phone, etc.
- Silent and powerful 180 watt motor - for cruising around those rough, rugged, hilly courses
- Long lasting LiFePO4 lithium battery with battery case and charger
- Four wheels for perfect balance
- Floatation Rubber tyres with gripping thread for smooth operation on the roughest of courses
- Front tires adjust in for storage and out for stability during use
- Folds with ease in seconds - with no essential separate parts to attach except the battery
- Simple to operate and steer
- Variable speeds - match it to your walking pace
- Cruise control for flat or gradual sloping fairways
- Comfortable for right or left-hand users
- Solid slope performance
- Handle adjusts up and down - perfect for golfers of any height
- Minimum boot space required (Fit four easily in the boot of a full size car.)
- Frame is constructed from powder coated aluminum - high grade bolts, grips and fasteners throughout for long dependable use
- Sure lock ratchet, locks handle into operating position
- Stringently tested in Australia, United States and the United Kingdom
- Low maintenance
- Distant control with countdown feature
- Water resistance (not water proof)

Specification

Drive Train/Transmission	<i>Type: Power Polymer Gear, Steel Worm Drive, with 25:1 Gear Ratio Rate</i>
Weight	<i>Net Weight Trolley: Approx. 11 kg</i>
Speed	<i>Approximately 8.0 km</i>
Distance/Range	<i>20 km/ 18 Holes</i>
Maximum Load	<i>35 kg</i>
Climbing Ability	<i>20 degrees</i>
USB Power Output	<i>+5v</i>
Construction	<i>Stainless Steel, Aluminum, Zinc Plated Steel and Nylon 6.6</i>
Dimensions (cm)	<i>Folded: 42(L) x 30(W) x 27(H) Full:66(L) x 59(W) x Adjustable to 140(H)</i>



Folded
42(L) x 30(W) x 27 (H) cm



Expanded
66(L) x 59(W) Adjustable to 140(H) cm

Expanding Your QOD Trolley



Step 1

Undo the top knuckle lever on the trolley to extend top arm and lock off after positioning.



Step 2

Undo the bottom knuckle lever to adjust the position of the lower arm to be parallel and lock off.



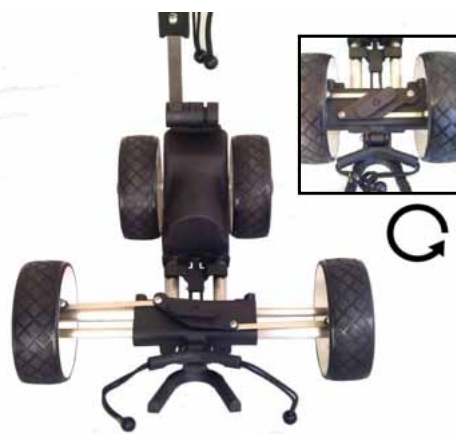
Step 3

Loosen back lever and pull the arm upwards extending its full height and lock off lever. (It is designed to only sit on one position when extended with the locking system)



Step 4

Standing in front of your QOD trolley, pull the front piece of the trolley towards you for extending the length of your trolley and let down bottom bag support.



Step 5

Lift wheels off the ground and turn the lever on the front end piece anti clock wise to loosen the wheels lock position then pull both front wheels outwards at the same time to extend.

You have now finished extending your QOD Golf Trolley. To pack down your QOD Trolley, please reverse the steps/procedures above

Battery Fitting



Step 1

Locate the battery cradle on the trolley



Step 2

Place the battery in the battery cradle with lead facing to the rear of trolley



Step 3

Locate the battery connection plug on the trolley located on the side of the trolley



Step 4

Plug the connection on the battery into the trolley. Make sure the connections align black to black and red to red and the wheel is not rubbing on the battery lead

Important: Please refer back to battery manual for battery usage and care.

Golf Bag Fitting

Place and position your golf bag in the centre on the bag holders and stretch the bungy cord around your golf bag to lock the bag in position onto your trolley. Push one of the end knobs into the cord of the other like shown in the photos to lock the bag off as followed:



Step 1

Upper bag holder



Step 2

Lower bag holder

Control functions and Usage of Your QOD Trolley

Usage of the Trolley with the Controls



Complete Handle and Controls

Red light indicator (Power) - A flashing red light on the handle indicates that the battery is too low to drive the trolley. LCD display shows variable speed between values 1 to 5.



USB Connection

On the right hand side behind the T-handle locates a USB connection for the convenience of maintaining power on the course for your GPS or your sub devices.



ON/OFF Button

Needs to be held down for a few seconds (or until light turns on) before trolley will be turned on.



Speed Button



Potentiometer

Variable Speed Control (*Mutually Independent*)

Variable speed adjustments, up to 5 speeds. Only one speed control can be used at a time as the potentiometer and variable speed button are mutually independent to each other. When the trolley starts the speed will gradually increase due to the soft start



Time Forward Advance

Time forward advance allows the trolley to run for a set amount of time with a countdown feature for your reference. It operates at a preset speed which not adjustable.

- 10 seconds - Runs for 10 seconds and stop
 - 20 seconds - Runs for 20 seconds and stop
 - 30 seconds - Runs for 30 seconds and stop
-



STOP/START Button

Soft switch to stop the trolley and then resume the trolley. This button maintains the variable speed control previously set before stopping

One-Way Bearings

When going downhill you will need to pull back on the handle to slow down the trolley. If you need to stop on a downhill slope turn the trolley 90 degrees to a sideways position. Steep Inclines: Use your good judgment. Remember you need to have a good control of your trolley.

Never use the trolley to pull you up a hill. Look at the terrain and you will soon become accustomed to the easiest and most appropriate path for both you and the trolley. Remember your trolley is designed to go where you would normally walk. Attempting to climb steep inclines always requires a more urgent draw on the battery. The battery is designed to play 18 holes of golf. The battery should then be recharged before further use.

Cruise Control

One unique feature of your QOD trolley is cruise control. For gradual slopes on the fairways and trolley paths, the trolley will automatically maintain the speed setting you have selected. Steep slopes require more power, so you may have to increase the speed on the control knob for steeper slopes.

Guiding the Trolley in the Most Effective Way

The QOD trolley is designed, with balance in mind, to avoid tipping backwards when hitting large bumps or indentations on the course. The trolley achieves best balance results by placing the battery over the front wheels to act as a counter balance. This does not affect the ease of steering; however it does give the trolley more tracking capabilities as the front wheels have less chance of bouncing. Very rough terrain or rock trolley paths will affect the tracking.

Never leave the trolley unattended on downhill slopes. If you do, the trolley may run away from you. Place the trolley sideways to avoid rolling if left unattended.

Steering

Easy turning on the drive wheel by lifting the front wheels:



For small directional changes of less than 45 degrees, simply apply sideways pressure to the handle. Do not twist the handle or put the trolley in a position where it is running on two outside wheels. For abrupt turns, the one way bearing makes turning on the drive wheels easy to do on all surfaces.

For abrupt turns of 45 degrees or more, simply push down on the handle and turn the trolley. The differential action of the one way bearings allows one wheel to remain stationary and the other wheel to rotate. Just like the drive wheels of a vehicle.

General Warnings

Folding and unfolding the trolley

- Never lift or pull on the electrical cable between the upper and lower arm. This should NOT be mistaken for a handle. Pulling on this cable can detach the wires from the handle or controller and render the trolley unusable.
- Always lock off the knuckle lever in both the expanded and folded position. Make sure the teeth in the round knuckle mesh before locking off. Not locking off the knuckle lever when the trolley is in transit can cause damage to the trolley on heavy bumps.
- Watch that your hands do not become pinched in the folding frame.

Downhill Terrain

- Do not drive the Trolley great distances away from you.
- Never leave the trolley unattended on downhill slopes as the trolley can roll forward whether the motor is on or off.

Flat Terrain

- On flat fairways you will most likely walk alone beside or behind the trolley. Remember, always keep control of the trolley and never operate the trolley faster than you wish to walk.

Lifting

- When lifting the trolley or battery at any time, lift with your legs and not with your back to help prevent injury.

Frame

- Never stand on the frame. The weight of a person or even a large child could cause damage to the frame, particularly the axles. This trolley is designed to carry a golf bag and golf clubs only.

Wheels

- If you remove the rear wheels ensure that the correct wheels are reinstalled on each side. The rear wheels are installed with one way bearings that free-flow moving forward when the motor is off. When the motor is turned on the axle shaft turns the one way bearings grip and turn the wheels. Be careful that the key way is installed on the shaft if the wheels are removed prior to installing the rear wheels. If the keyway is left out or if the wheels are installed left to right the wheels will not turn when the axle shaft turns.

Maintenance of the Trolley

As your golf trolley is an electric vehicle it is necessary to continuously maintain it throughout its life. QOD highly recommends you to service your Trolley at regular intervals to maximize performance, durability and reliability. In the annual service the battery is checked, the nuts and bolts tightened, the motor is checked, the gearbox is checked, and all electrical connections are checked.

Prior to undertaking any repairs the QOD repair centre/country distributor will contact you to explain what needs to be done if any. To book your trolleys in for its annual service please refer to www.qodgolf.com or either contact QOD Golf International by email to find your nearest QOD repair centre/country distributor.

In order to get maximum value and use out of your trolley it is important to maintain your trolley by keeping it clean and tidy. We recommend that you wipe down your trolley after every round of golf. Emphasis should be placed on the sliding parts. Do not under any circumstance power wash your trolley.

We at QOD wish you a great golfing experience. We are always here to help you. We want you to enjoy the trolley, your exercise and your game. Do not hesitate to contact the QOD repair centre/country distributor by phone or email. If you would prefer the manufacturer contact you please send an email to info@qodgolf.com and we will return your call to anywhere in the world.

Note: For any questions or necessary repairs e-mail or call the QOD repair centre/country distributor for the most appropriate way to handle any issues you might have. This will allow us to maintain detail statistics and provide you with a higher level of service. We will meet all your needs on a very personal level and endeavor to exceed your expectations.

The trolley has a small number of parts that can be easily replaced. In order to get your QOD back on the course as soon as possible, it may be more time effective for the repair centre to send the part and have replacement with our detailed instructions. First, we want to know the nature of the problem. Defective parts are replaced at no charge to you under warranty. Parts damaged by misuse or improper operation of the trolley will result in charges for the replacement parts and any labor involved.

Trolley returns will be handled in the following manner. If the trolley requires service and must be returned to us, the owner of the trolley should pay the freight to and from the service centre. We can provide a pickup and delivery service at a nominal charge. So please retain the box and packaging for transport for these circumstances.

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